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**PATENT ABSTRACTS OF JAPAN**(21) Application number: **56173354**(51) Intl. Cl.: **C02F 1/24**(22) Application date: **28.10.81**

(30) Priority:	(71) Applicant: <b>mitsui miike mach co ltd</b> <b>sanwa eng:kk</b>
(43) Date of application publication: <b>04.05.83</b>	(72) Inventor: <b>MIWA SATORU</b>
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**(54) FROTH SCRAPER****(57) Abstract:**

**PURPOSE:** To permit effective scraping without disturbing froth at all by providing a froth scraping mechanism and a moving base having a conveyor along a flotation condensing tank.

**CONSTITUTION:** A driving source 12 for a scraping plate and a driving source 13 for a conveyor are installed on the frame 11 of a moving base 10. A froth scraping mechanism 20 gives circular motion to a swiveling mechanism S, a scraping plate 22, a tail rod 23 and a scraping plate 22. The plate 22 is of a slender flat plate shape and is formed with a slender barlike part 22a in the end part thereof. A mechanism that gives circular motion is connected to the part 22a. For example, a crank plate 21 is supported freely rotatably to the base 10 and is driven by the driving source 12 of the plate 21. A crank pin 21a is provided on the radial circumference from the center O of the plate 21. The pin 21a supports the part 22a freely turnably.

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